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Strawberry Creek Water Sampling

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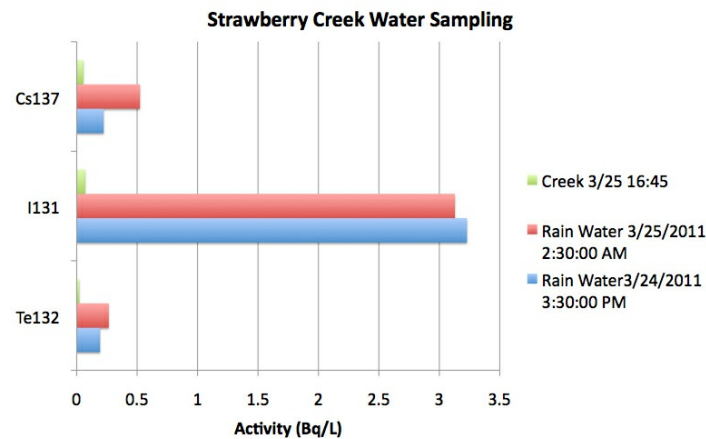
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The following are results for Strawberry Creek sampling beginning on 3/25/2011.

We are providing the activity concentration for I-131, Cs-137, and Te-132. While these elements are detectable, we have found considerable dilution from the results from direct rain water. The percentage number in parentheses represents the dilution percentage from rain water samples taken between 0 and 48 hours prior to the creek sample. The actual delay of rain to runoff is unknown at this point. The continued monitoring of this runoff will help to quantify this pathway.



Time	Water Vol.	I131	I132	Cs134	Cs137	Te132	Data
	Liters	Bq/L (Dil% ^{**})	Bq/L (Dil% ^{**})	Bq/L (Dil% ^{**})	Bq/L (Dil% ^{**})	Bq/L (Dil% ^{**})	
03/25/2011 16:40	5	0.107±0.011 [MDA=0.025] (2.3%)	0.086±0.012 [MDA=0.044] (25.0%)	0.049±0.008 [MDA=0.031] (10.7%)	0.055±0.009 [MDA=0.032] (11.4%)	0.047±0.005 [MDA=0.021] (15.9%)	data
03/28/2011 13:20	5	0.049±0.010 [MDA=0.036]	0.15±0.03 [MDA=0.11]	less than MDA [MDA=0.065]	less than MDA [MDA=0.054]	less than MDA [MDA=0.038]	data
03/30/2011 13:30	5	0.054±0.009 [MDA=0.038]	less than MDA [MDA=0.039]	less than MDA [MDA=0.022]	0.057±0.012 [MDA=0.052]	less than MDA [MDA=0.024]	data

^{**} Dil% is the dilution percentage of the creek activity relative to the mean of the previous 48 hours of rain water results. This information is only available for creek measurements that coincided with rain.

Note: MDA stands for Minimum Detectable Activity. This is the lowest level of measurement where we can confidently report results.

Below are images of the location we sampled Strawberry Creek water. The location is just down stream of the famous Sather Gate Bridge on the north end of Sproul Plaza.



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